

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 4030C	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 98/ 03967	International filing date (day/month/year) 02/03/1998	(Earliest) Priority Date (day/month/year) 05/03/1997
Applicant ENGELHARD CORPORATION et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☐ The international application contains disclosure of a **nucleotide and/or amino acid sequence listing** and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☒ the text is approved as submitted by the applicant

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. --- ☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 98/03967

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3159536	A	01-12-1964	NONE	
DE 2926095	A	06-03-1980	JP 1001514 B	11-01-1989
			JP 1553411 C	04-04-1990
			JP 55029524 A	01-03-1980
			FR 2434194 A	21-03-1980
			GB 2029441 A,B	19-03-1980
			NL 7905093 A	25-02-1980
			US 4450151 A	22-05-1984
US 2818340	A	31-12-1957	NONE	
WO 9409626	A	11-05-1994	AU 2884692 A	24-05-1994

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/03967

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 A01N59/06 //(A01N59/06, 55:00, 25:04)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 159 536 A (R.MAROTTA) 1 December 1964 see column 1, line 15 - line 27 see column 2, line 34 - line 63 see column 3, line 34 - line 55 see column 5, line 67 - column 6, line 26 see column 7, line 37 - line 54	1-6, 8, 9
Y	---	7
Y	DE 29 26 095 A (TOYO AEROSOL IND CO) 6 March 1980 see page 14; example 6 ---	7
	--- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

30 June 1998

Date of mailing of the international search report

28/07/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lamers, W

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 98/03967

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CROPU STN-International STN-accession no. 97-87105, D.M.GLENN ET AL.: "Hydrophobic particles for pest control in deciduous tree fruit production" XP002069846 see abstract & HORTSCIENCE, vol. 32, no. 3, 1997, page 467</p> <p style="text-align: center;">---</p>	1-9
X	<p>✓ CHEMICAL ABSTRACTS, vol. 99, no. 23, 5 December 1983 Columbus, Ohio, US; abstract no. 189761, BAR-JOSEPH ET AL.: "Spraying citrus plants with kaolin suspensions reduces colonization by the spiraea aphid " XP002069841 cited in the application see abstract & CROP.PROT., vol. 2, no. 3, 1983, pages 371-374,</p> <p style="text-align: center;">---</p>	1-9
X	<p>CHEMICAL ABSTRACTS, vol. 103, no. 23, 9 December 1985 Columbus, Ohio, US; abstract no. 191485, XP002069842 see abstract & JP 60 149 508 A (N.TOMONO) 7 August 1985</p> <p style="text-align: center;">---</p>	1-9
X	<p>✓ US 2 818 340 A (A.H.GODDIN) 31 December 1957 see column 1, line 15 - line 22 see column 2, line 44 - line 50 see column 2, line 52 see column 3, line 28 - line 37</p> <p style="text-align: center;">---</p>	1-6,8,9
X	<p>DATABASE WPI Section Ch, Week 9411 Derwent Publications Ltd., London, GB; Class C07, AN 94-086248 XP002069847 & JP 06 032 706 A (SHIKOKU SOGO KENKYUSHO KK) see abstract</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	1-6,8,9

INTERNATIONAL SEARCH REPORT

Internat Application No

PCT/US 98/03967

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 122, no. 9, 27 February 1995 Columbus, Ohio, US; abstract no. 99375, XP002069843 see abstract & JP 06 305 907 A (SHIKOKU) 1 November 1994	1-6,8,9
X	--- CHEMICAL ABSTRACTS, vol. 121, no. 7, 15 August 1994 Columbus, Ohio, US; abstract no. 76190, XP002069844 see abstract & JP 06 080 508 A (SHIKOKU) 22 March 1994	1-6,8,9
A	--- CHEMICAL ABSTRACTS, vol. 69, no. 19, 4 November 1968 Columbus, Ohio, US; abstract no. 75906, B.MELICHAR ET AL.: "Evaluation of physical insecticides" XP002069845 see abstract & SCI.PHARM., PROC., 25TH (1966), MEETING DATE 1965, vol. 2, pages 589-597,	1-9
A	--- WO 94 09626 A (SIL TECH INTERNATIONAL CORP ;VRBA CENEK H (CA)) 11 May 1994 see the whole document -----	1-9